

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
 Data File : VX015599.D
 Acq On : 09 Apr 2020 16:09
 Operator : JC/SP
 Sample : L2185-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30928-2:1-COMP

Quant Time: Apr 10 08:44:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

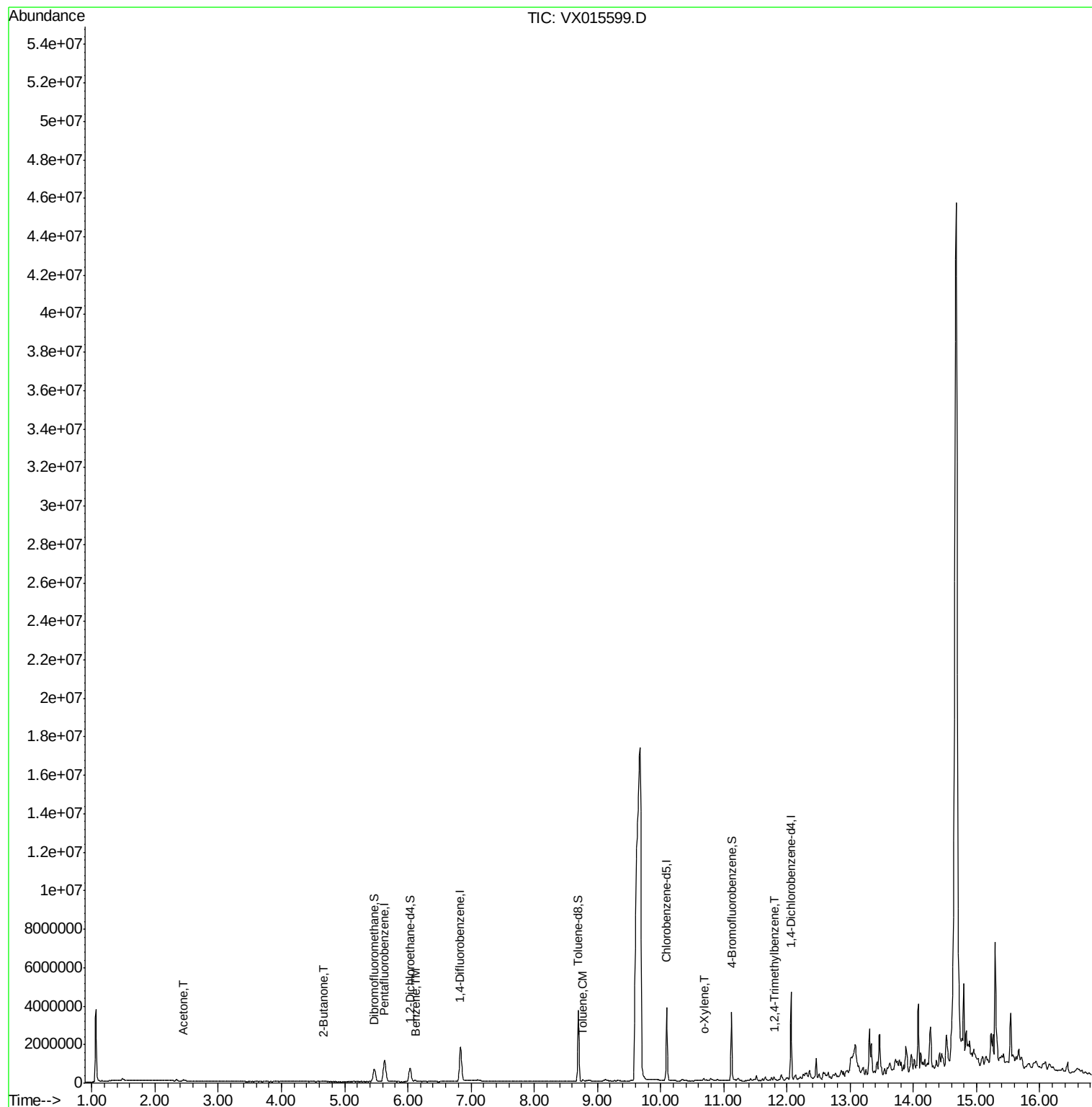
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1121104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1758255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1683830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	935105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	702410	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	
35) Dibromofluoromethane	5.47	113	556935	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
50) Toluene-d8	8.70	98	2101520	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.12	95	890058	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
Target Compounds						
16) Acetone	2.45	43	136816	20.140	ug/l	96
25) 2-Butanone	4.67	43	24133	2.209	ug/l	96
40) Benzene	6.12	78	92932	1.958	ug/l	95
52) Toluene	8.76	92	43115	1.474	ug/l	100
69) o-Xylene	10.68	106	27165	1.240	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	75658	1.419	ug/l	98

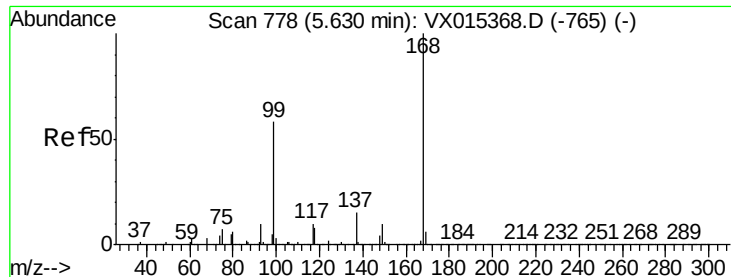
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015599.D

Acq: 09 Apr 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

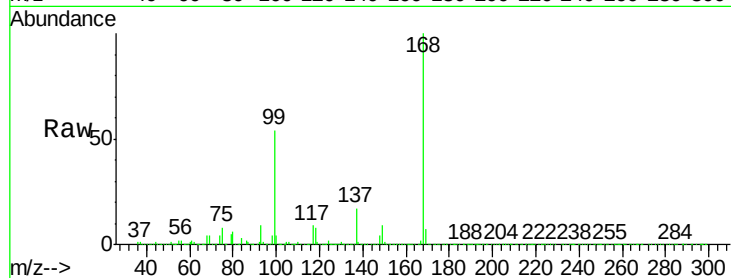
30928-2:1-COMP

Tot Ion:168 Resp: 1121104

Ion Ratio Lower Upper

168 100

99 53.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

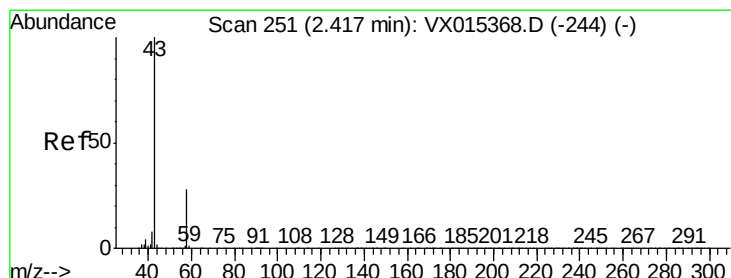
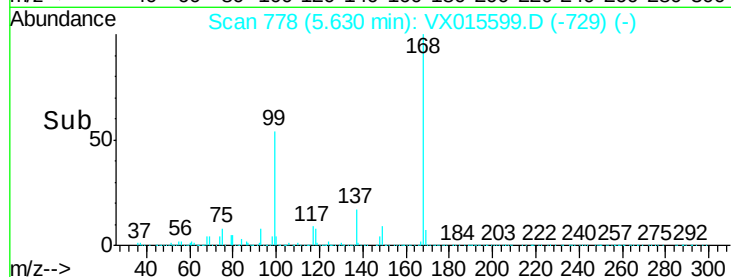
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 20.140 ug/l

RT: 2.45 min Scan# 257

Delta R.T. 0.04 min

Lab File: VX015599.D

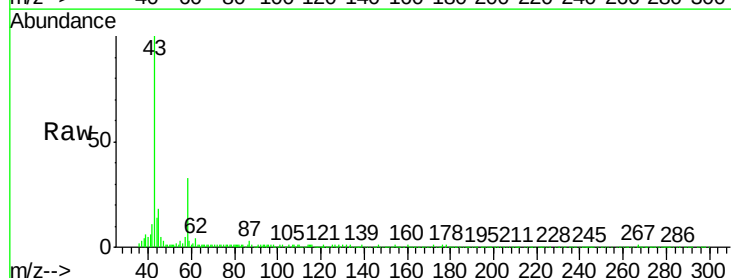
Acq: 09 Apr 2020 16:09

Tgt Ion: 43 Resp: 136816

Ion Ratio Lower Upper

43 100

58 25.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

50000

40000

30000

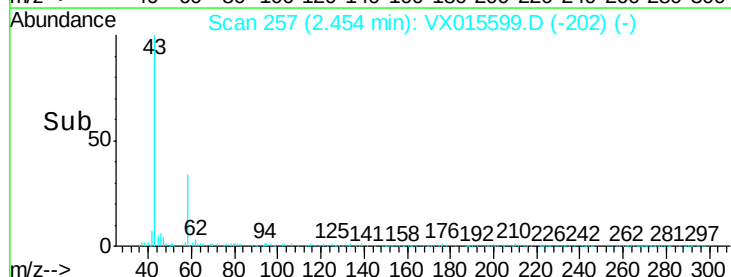
20000

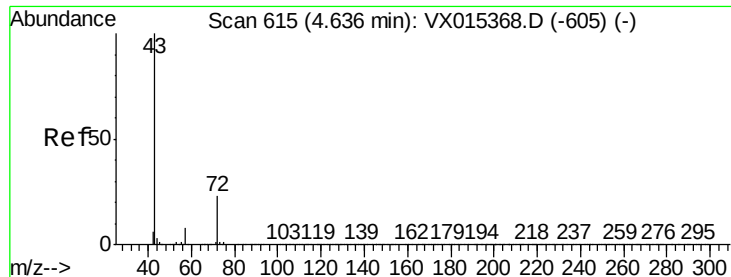
10000

0

2.35 2.40 2.45 2.50 2.55

Time-->

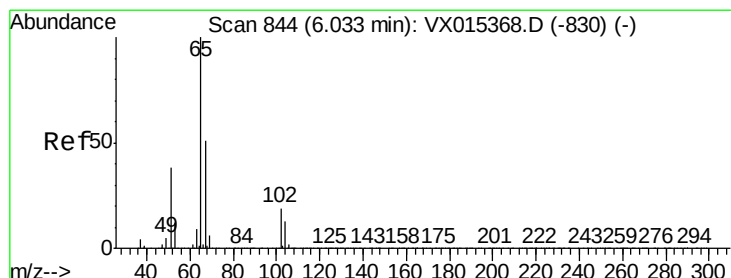
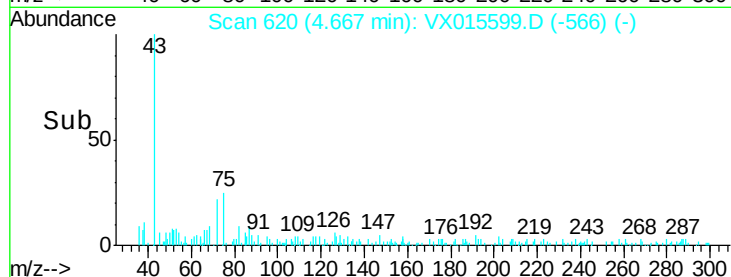
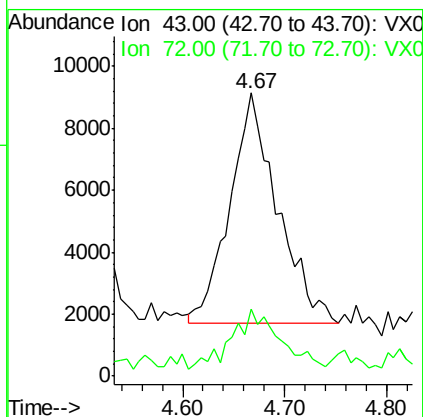
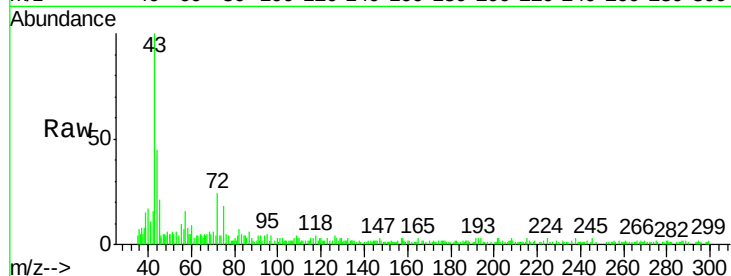




#25
2-Butanone
Concen: 2.209 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.03 min
Lab File: VX015599.D
Acq: 09 Apr 2020 16:09

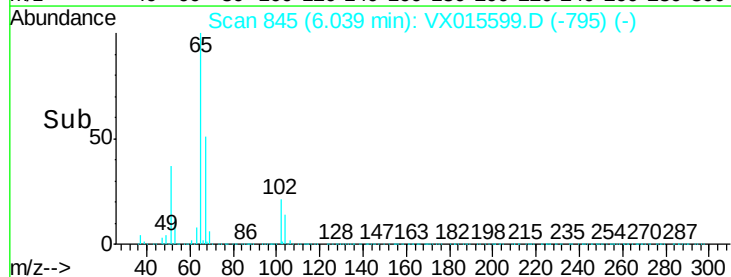
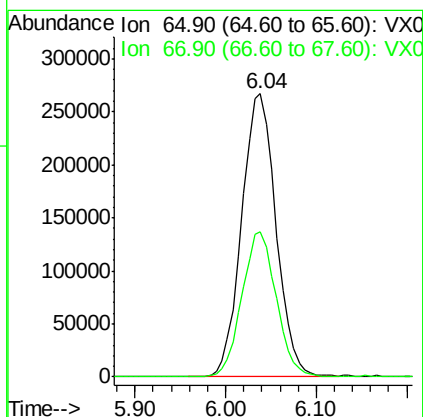
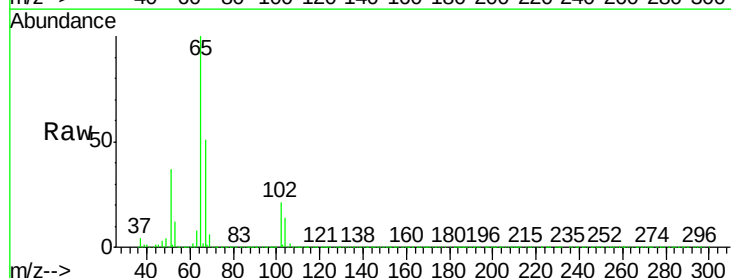
Instrument :
MSVOA_X
ClientSampleId :
30928-2:1-COMP

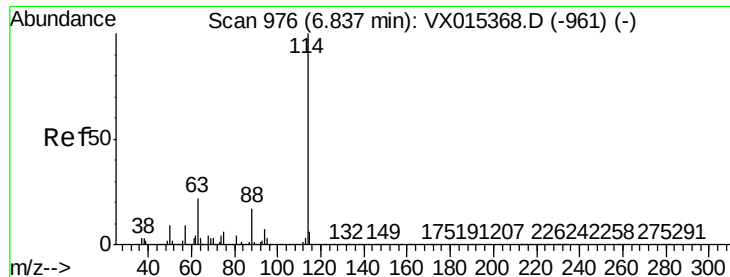
Tot Ion: 43 Resp: 24133
Ion Ratio Lower Upper
43 100
72 21.6 19.0 28.4



#33
1,2-Dichloroethane-d4
Concen: 44.423 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015599.D
Acq: 09 Apr 2020 16:09

Tgt Ion: 65 Resp: 702410
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.6

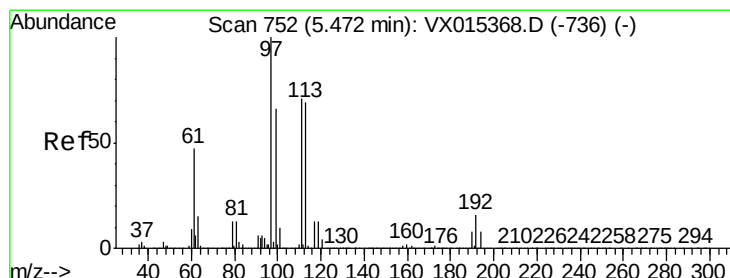
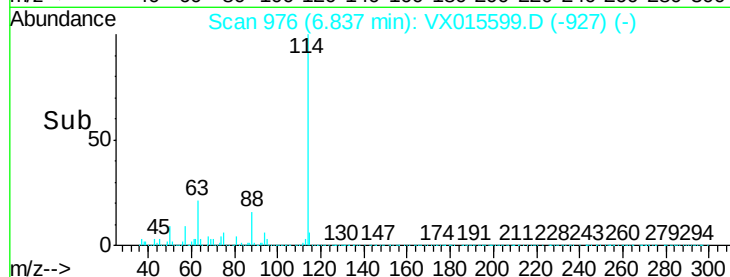
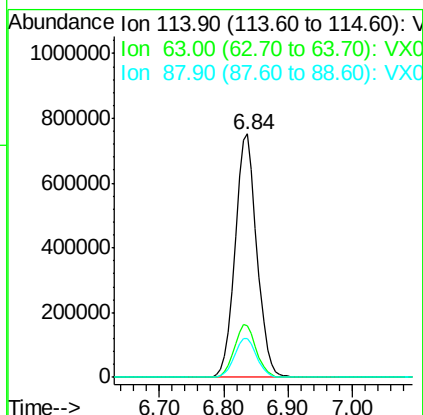
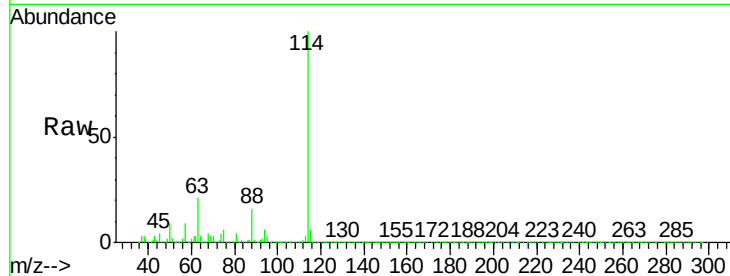




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: VX015599.D
Acq: 09 Apr 2020 16:09

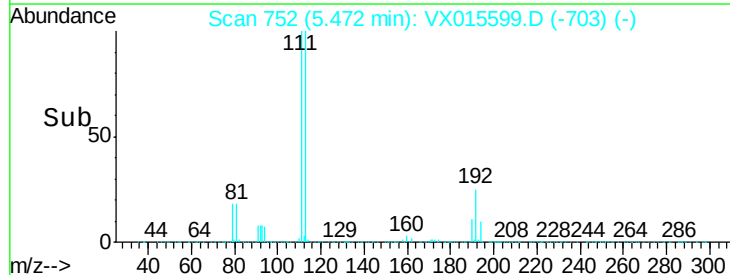
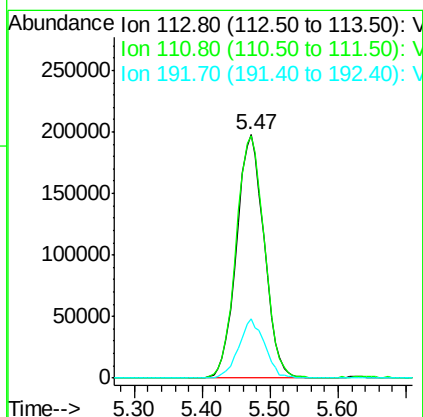
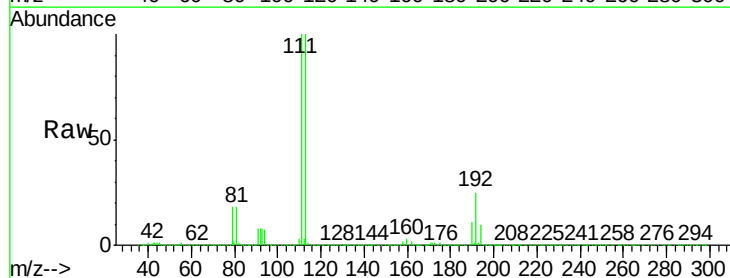
Instrument :
MSVOA_X
ClientSampleId :
30928-2:1-COMP

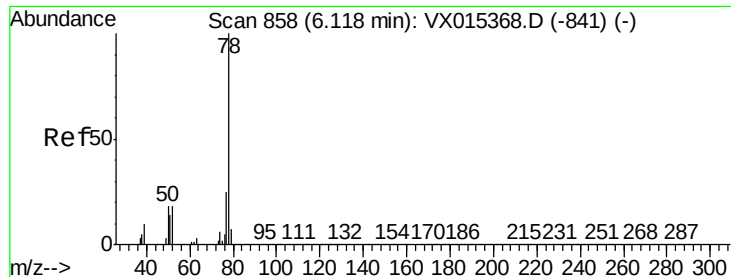
Tot Ion:114 Resp: 1758255
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.2
88 15.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.553 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015599.D
Acq: 09 Apr 2020 16:09

Tgt Ion:113 Resp: 556935
Ion Ratio Lower Upper
113 100
111 101.6 81.5 122.3
192 22.8 17.8 26.6





#40

Benzene

Concen: 1.958 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.00 min

Lab File: VX015599.D

Acq: 09 Apr 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

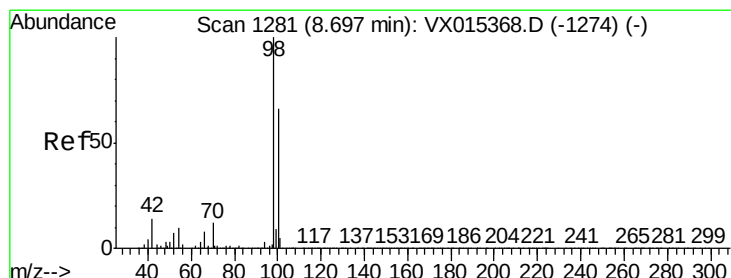
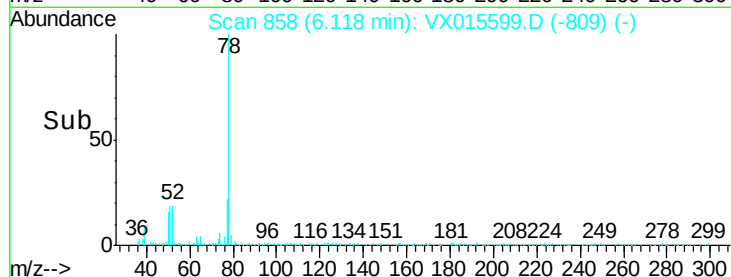
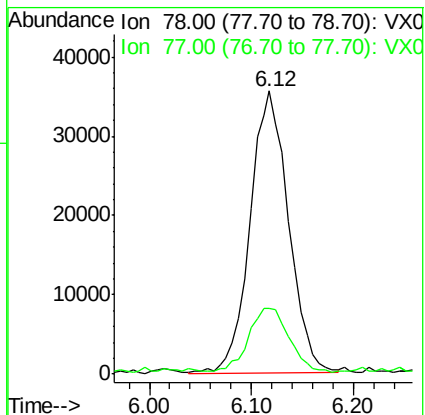
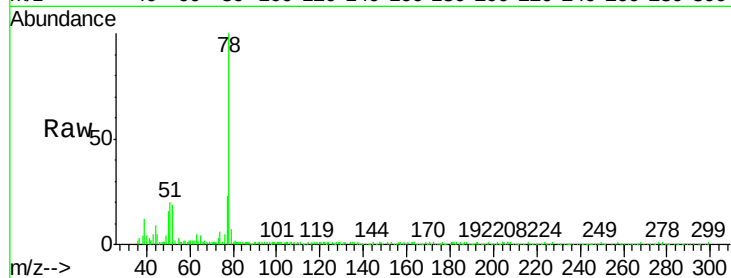
30928-2:1-COMP

Tot Ion: 78 Resp: 92932

Ion Ratio Lower Upper

78 100

77 22.1 19.8 29.8



#50

Toluene-d8

Concen: 50.786 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015599.D

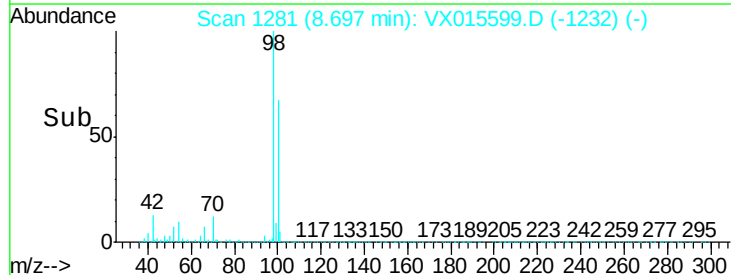
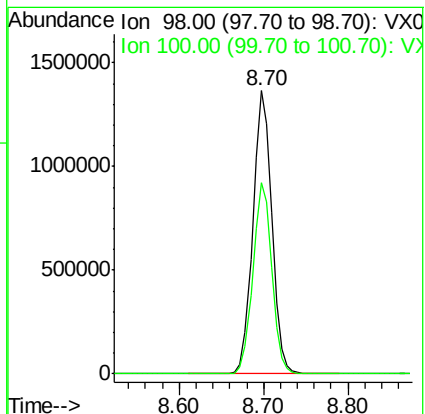
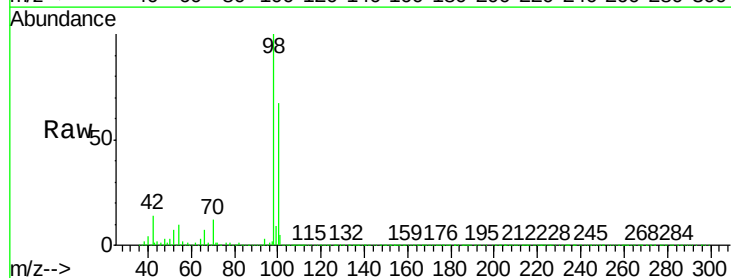
Acq: 09 Apr 2020 16:09

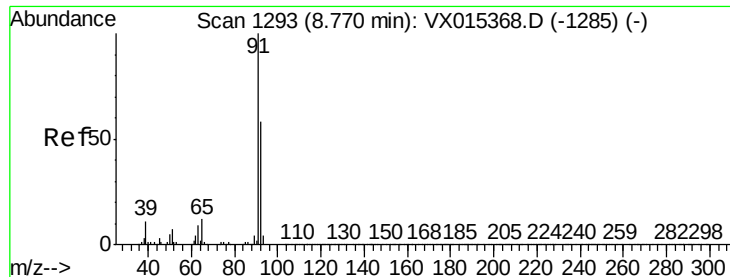
Tgt Ion: 98 Resp: 2101520

Ion Ratio Lower Upper

98 100

100 67.4 53.5 80.3





#52

Toluene

Concen: 1.474 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015599.D

Acq: 09 Apr 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

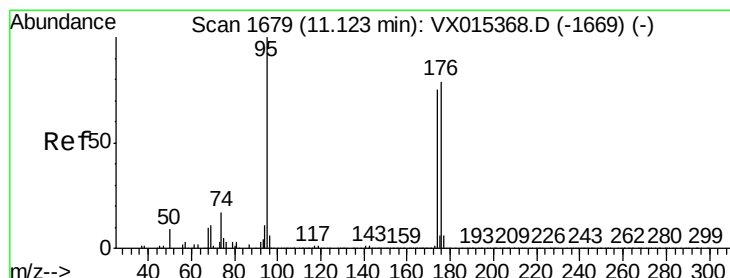
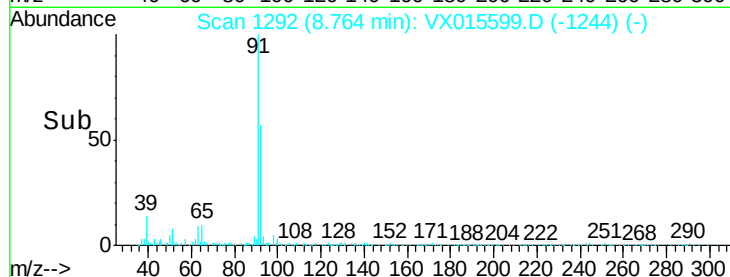
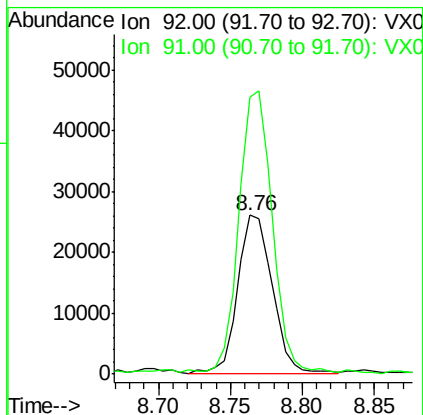
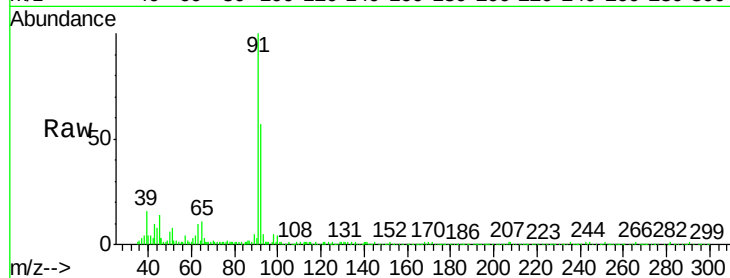
30928-2:1-COMP

Tot Ion: 92 Resp: 43115

Ion Ratio Lower Upper

92 100

91 171.0 136.6 205.0



#62

4-Bromofluorobenzene

Concen: 52.926 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015599.D

Acq: 09 Apr 2020 16:09

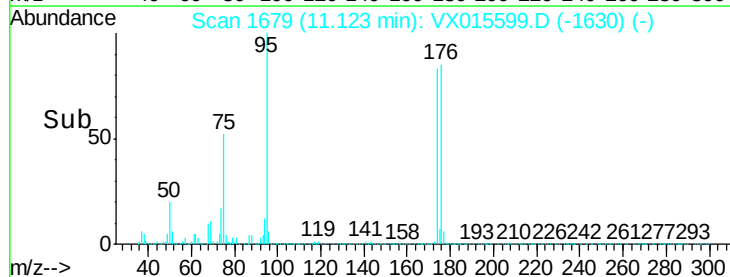
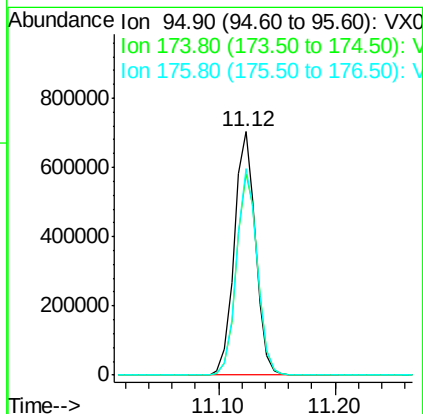
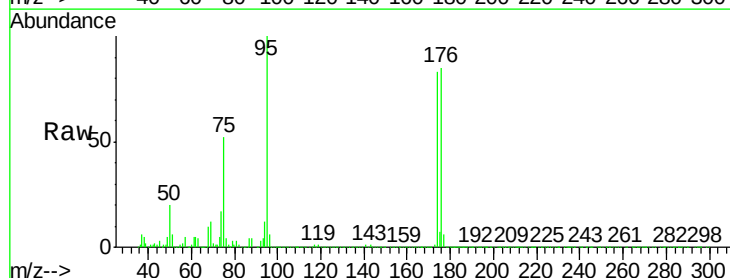
Tgt Ion: 95 Resp: 890058

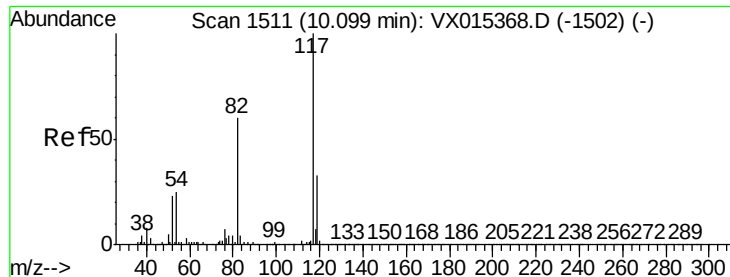
Ion Ratio Lower Upper

95 100

174 82.3 0.0 158.6

176 83.1 0.0 159.0

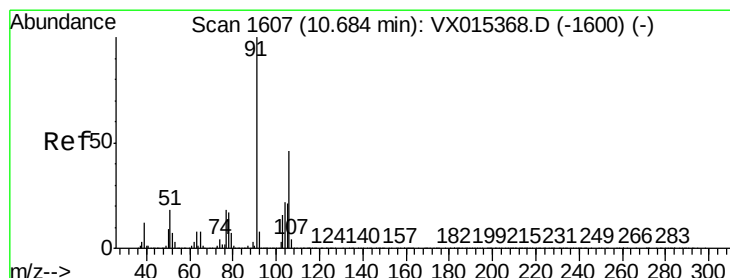
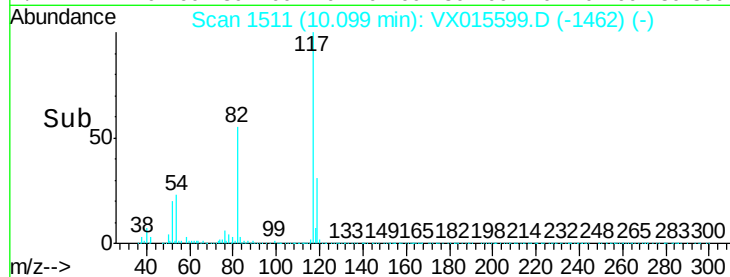
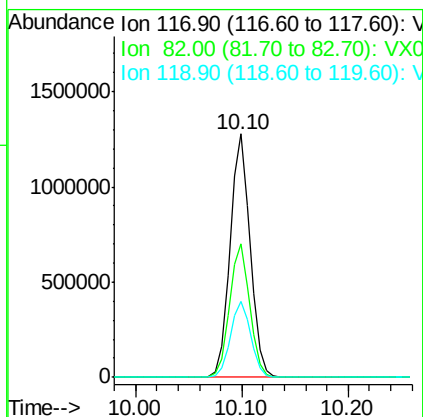
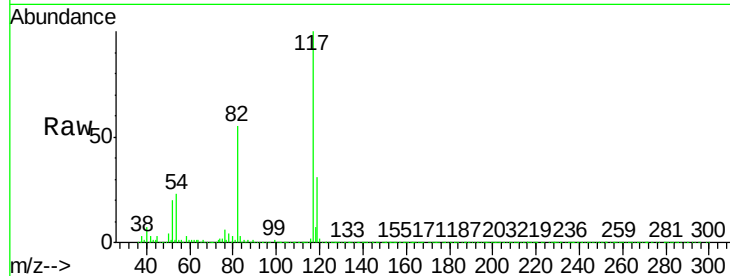




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015599.D
Acq: 09 Apr 2020 16:09

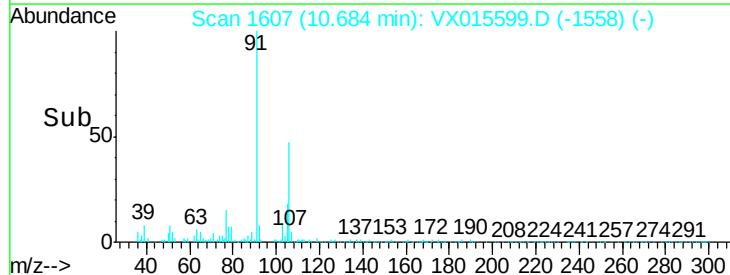
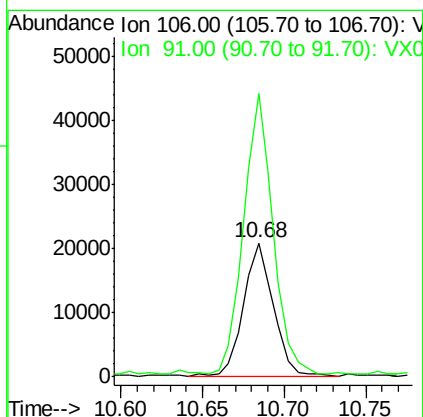
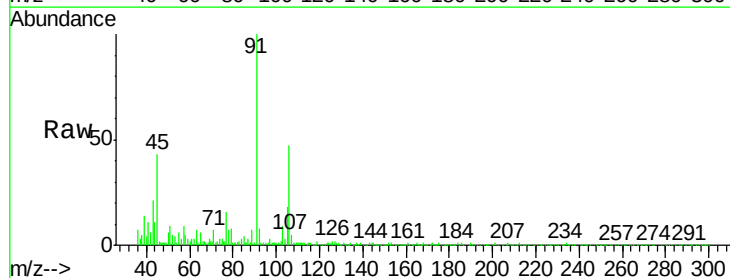
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30928-2:1-COMP

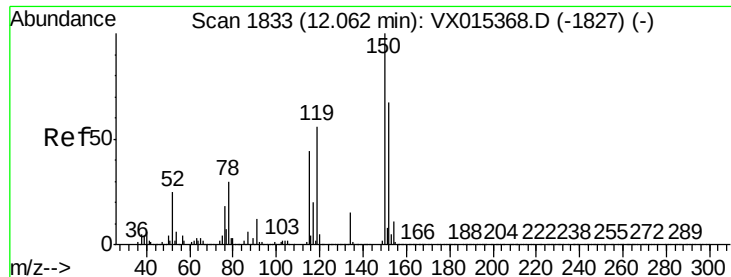
Tot Ion:117 Resp: 1683830
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.8
119 30.9 26.8 40.2



#69
o-Xylene
Concen: 1.240 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015599.D
Acq: 09 Apr 2020 16:09

Tgt Ion:106 Resp: 27165
Ion Ratio Lower Upper
106 100
91 202.6 107.1 321.3

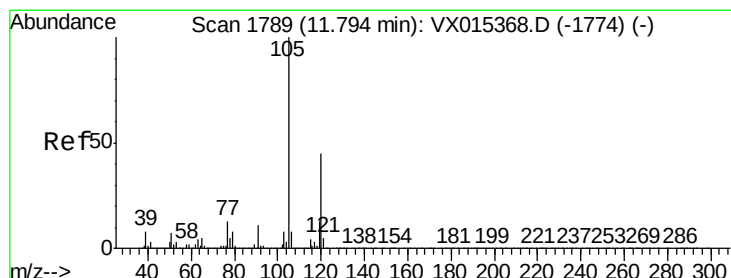
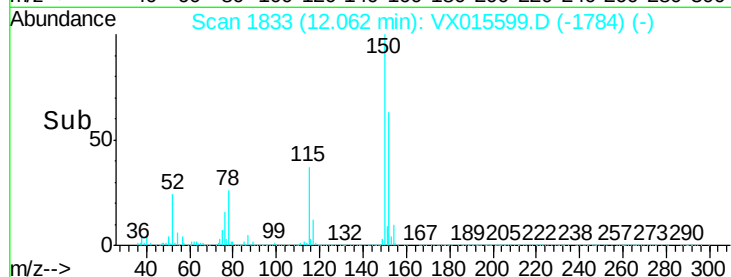
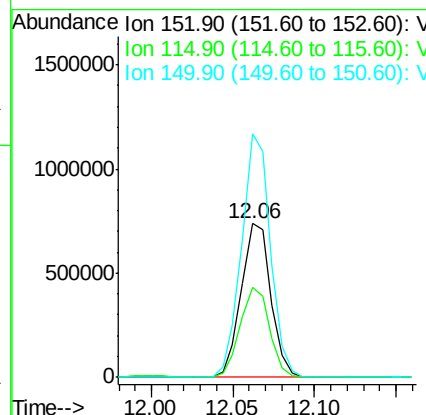
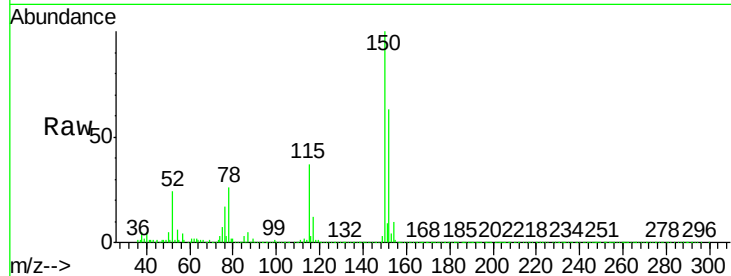




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015599.D
 Acq: 09 Apr 2020 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 30928-2:1-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.0	39.0	116.9
150	153.8	0.0	340.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.419 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015599.D
 Acq: 09 Apr 2020 16:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.7	68.1

